

A B S T R A C T

A kit for implanting in a duct, which includes a tubular endoprosthesis and a prosthetic valve is disclosed. The prosthetic valve includes a carrier frame that is radially deformable in elastic manner relative to a central axis of the tubular endoprosthesis between a deployed, implanted position, and a folded, implanting position. The carrier frame is urged elastically towards its deployed position. A flexible shutter is connected to the carrier frame. The shutter is deformable between an obstruction position in which it is extended transversely, and a release position in which it is contracted transversely under to allow a fluid to flow through the carrier frame. The carrier frame also includes an integrated centripetal compressing mechanism for centripetally compressing the carrier frame towards folded position.